

Title (en)
SYSTEM FOR SUPPLYING DIRECT CURRENT AND DC VOLTAGE PROTECTED BY A CURRENT LIMITER, AND METHOD FOR PROTECTING SAME

Title (de)
SYSTEM ZUR ZUFUHR VON GLEICHSTROM UND GLEICHSPANNUNG MIT SCHUTZ DURCH EINEN STROMBEGRENZER UND SCHUTZVERFAHREN DAFÜR

Title (fr)
SYSTÈME D'ALIMENTATION ÉLECTRIQUE EN COURANT ET TENSION CONTINUS PROTÉGÉ PAR UN LIMITEUR EN COURANT ET SON PROCÉDÉ DE PROTECTION

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Abstract (en)
[origin: WO2012072759A1] The invention relates to a system for supplying direct current and DC voltage, including a first supply branch (212) having a first DC voltage source (244) and a power field-effect transistor (258) of a current limiter (256) which are connected in series, and a second supply branch (214) having a second DC voltage source (246). The power transistor (258) has a current/voltage characteristic with a first inverse polarization area without current limitation, and a second conduction area with current limitation based on a current threshold. The power field-effect transistor (258) is connected to the first voltage source (244) with an inverse polarization when the voltage source (244) of the first branch (212) is operating normally.

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